

Collin County Facilities and Construction Standards Justification

The following manufacturers/vendors are the standard suppliers of Facilities and Construction within the county for specific areas. Items on the standards list must be new and not refurbished devices. While this list of standards will guide procurement, it does not necessarily preclude the Facilities or Construction departments from soliciting bids based on generic specifications where the use of a specific manufacturer is not necessary or where a specific non-standard manufacturer is required for a specific line of business. This list is to serve as a guide subject to amendment, by future court order, as city and/or state mandates for county buildings and new construction.

Preferred Manufactures

Life Safety	
Manufacturer	Purpose
Edwards EST	Fire Alarm System in all buildings including and Communication to Central Plant. To provide continuity of one Fire system in our Collin County buildings, Training, trouble shooting, UL and management is easier/more efficient than multiple manufactures. Equipment is competitive
Harding	Intercom System
HVAC Controls	
Manufacturer	Purpose
Honeywell –Central Campus Carrier IVU –Remote-sites	Honeywell and Carrier Bacnet Standard protocol. To provide continuity of BAS systems in our Collin County buildings, Training, trouble shooting and management is easier/more efficient than multiple manufactures. Equipment is competitive
Carrier Bock-Energy Management System	Programming only – Sole Source by Court Order No. 97-357-05-27
Carrier ICP A/C Systems	RTU and Split systems only. Equipment is competitive
Belimo Valves	Actuator controlled HVAC valves. Equipment is competitive
Electronics / Electrical	
Electrical	
Manufacturer	Purpose
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APC-Uninterruptible Power Systems	To provide continuity of one UPS system in our Collin County buildings, Training, trouble shooting and management is easier than multiple manufactures. Equipment is competitive
GE or Square D Electrical Systems	To provide continuity of Electrical Systems in our Collin County buildings, Training, trouble shooting and management is easier than multiple manufactures. Equipment is competitive
<u>Square D Electrical Monitoring</u>	<u>Preferred by Department</u>
Schneider Electric Power Logic Monitoring	New buildings, PM8000 installed on incoming power as well as being able to monitor the ATSS status. Currently, meters connect to a PME server. To provide continuity of one Power monitoring System in our Collin County buildings, Training, trouble shooting and management is easier than multiple manufactures. Equipment is competitive

Detention Facilities	
Manufacturer	Purpose
<u>Stenophon Jail Intercom System</u>	<u>Existing System in Jail</u>
<u>Corrections Products Company (CPC)</u>	<u>Adtec 1101 Electro-Mechanical Lock - Sole Source by Court Order No. 2023-402-05-15 Cell locks are currently only used in Adult Detention Center Cluster 1 and 3. Adult Detention door locks in Clusters 1 and 3.</u>
<u>Tech Works</u>	<u>Preferred Manufacturer for boards and power supplies to replace existing Dukane Intercom System at all Collin County Detention Facilities.</u>
Building Finishes	
Manufacturer	Purpose
Armstrong	2' x 4' x 5/8" 755BN Fissured Square lay in and 704 Fissured square edge lay tile.
Sherwin Williams	Paint colors: Tony Taupe (<u>paint code #SW7038/b1a290</u>) and Accessible Beige (<u>paint code #SW7036</u>). Standard Colors easier to manage
Tandus	Color/type: Aftermath II Carpet Tiles. Standard Tiles easier to manage and have Attic stock for ease of replacement if needed
Plumbing Fixtures	
Manufacturer	Purpose
Sloan	Flush Valves - <u>Equipment is competitive</u>
Delta	T&S Commercial Grade Fixtures - <u>Equipment is competitive</u>
Building Hardware	
Manufacturer	Purpose
Sargent	<u>Preferred Manufacturer.</u> For panic exit devices on exterior double doors with electronic badge reader locking devices
Best	<u>Electric and non-electric Mortise and Cylindrical locks. Preferred by Department. and accept current 7 pin cylinders.</u>
<u>Best SFIC Cylinders</u>	<u>In order to accept 7 pin cylinders currently in use.</u>
Norton & LCN	<u>Preferred Equipment is Competitive. Door Closures Wwith kush door stop or equal.</u>
<u>Hinges</u>	<u>If using continuous hinges, they must have serviceable cutouts.</u>

Preferred Service Providers

Security System		
Service Provider	Purpose	
	Sole Source	
Allied Universal/ Securadyne Systems Intermediate LLC	Programming of security system used with badge readers.	
CML Security	Programming, service and integration for electronic security systems to include door control, communications and video surveillance, touchscreens in the Collin County Detention Center.	
Radio Systems, I.T.		
Service Provider	Purpose	Sole Source
Motorola	Radio systems and equipment. Sole Source by Court Order No. 97-815-11-24	Yes 97-815-11-24
DFW Communications	Motorola authorized service dealer.	Yes 2006-947-10-10

Standard System Requirements

Standard	Purpose
<u>100% Generator Power plus 30 minute UPS back-up</u>	<u>All 24 hour facilities: Detention Facilities, Central Plant, and Medical Examiner; data back-up, State Jail Standards</u>
<u>Generator for Life Safety plus 30 minute UPS back-up</u>	<u>All County Buildings other than 24 hour facilities.</u>
<u>Generator run time must have minimum of 8 hour fuel capacity</u>	<u>All County Buildings.</u>
<u>Auto CAD and PDF Drawings</u>	<u>Used for design and as-built.</u>
<u>Dust Contamination Filtering</u>	<u>MDF, IDF, and A/V closets</u>
<u>MDF, IDF, and A/V Closets Room Clearance</u>	<u>Allow 36" around populated equipment racks.</u>
<u>MDF, IDF, and A/V Closets Waterline</u>	<u>One waterline in the room to feed the fire sprinkler line.</u>
<u>A/V Closets Thermostat</u>	<u>Individually controlled thermostat per closet.</u>
<u>MDF and IDF HVAC</u>	<u>Conditioned by individual CRAC units.</u>
<u>Wall Phones</u>	<u>Present in MDF, IDF, A/V closets, electrical and mechanical rooms.</u>
<u>Irrigation system</u>	<u>High efficiency sprinkler heads and drip system technology on irrigation system.</u>

<u>Water Heaters</u>	<u>Tanks Preferred over Tankless.</u>
<u>Domestic water and chill water strainers installed at or within the county buildings that are easily accessible for maintenance and repair.</u>	
<u>HDPE Chilled water pipe preferred.</u>	
<u>New County Building Penthouses need to be air conditioned.</u>	
<u>Electric latch retraction on exit hardware; only when Fire code allows.</u>	
<u>Keyed removable mullions where applicable</u>	
<u>Automatic door systems on all building entrances.</u>	

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Office Size Standards

Department/Personnel	Square Footage
Judge's Offices	300 sq. ft.
Elected Officials and Department Heads	225 sq. ft.
Managers	144 sq. ft.
Supervisors	120 sq. ft.
Probation	100 sq. ft.
Staff Cubicles	64 sq. ft.

Court Order Revisions:

[2021-1039-10-18](#)

[2018-119-01-12](#)

2017-1000-12-11

2015-570-08-24

2015-031-01-12

2010-993-12-06